

FIG. 1

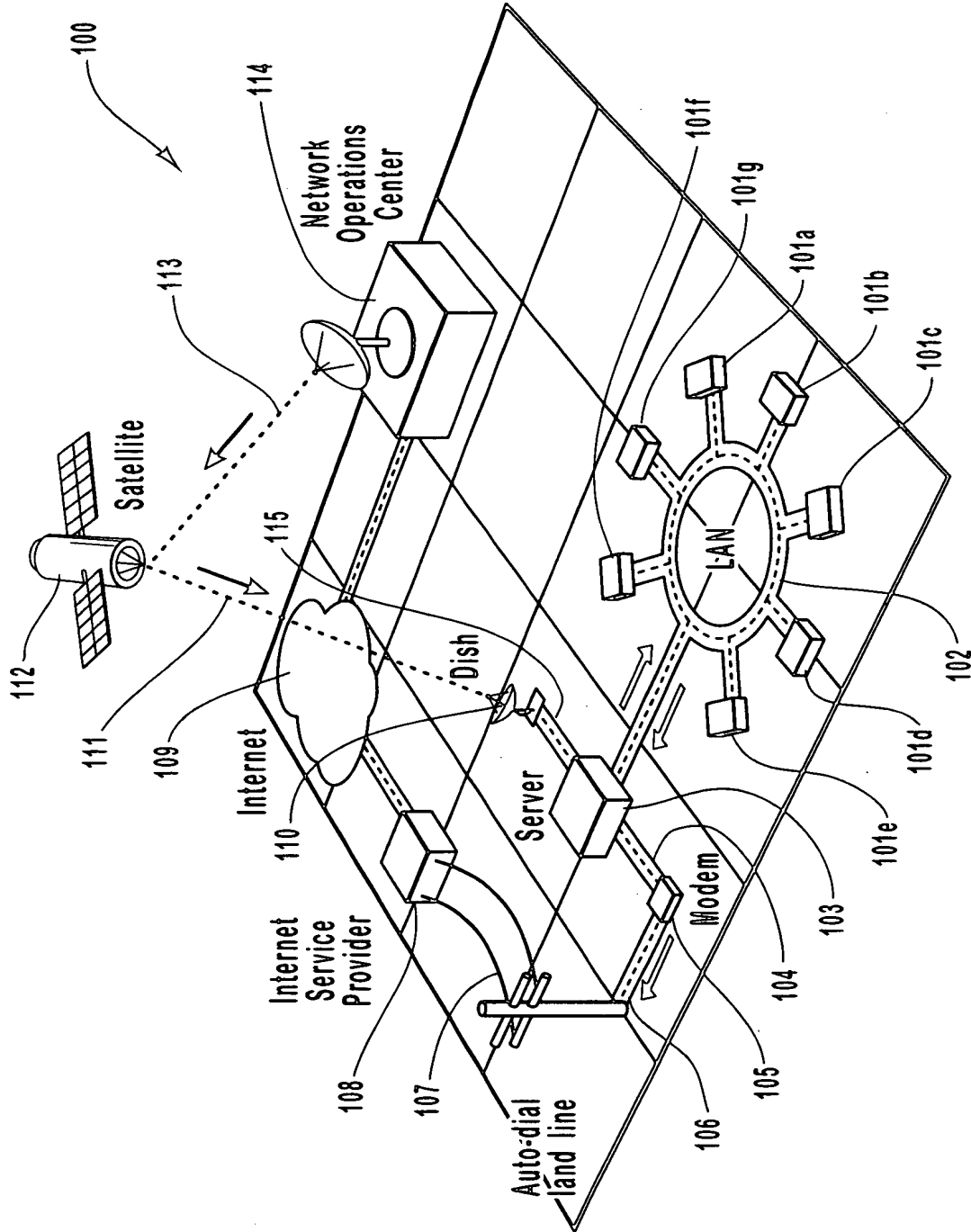


Fig. 1

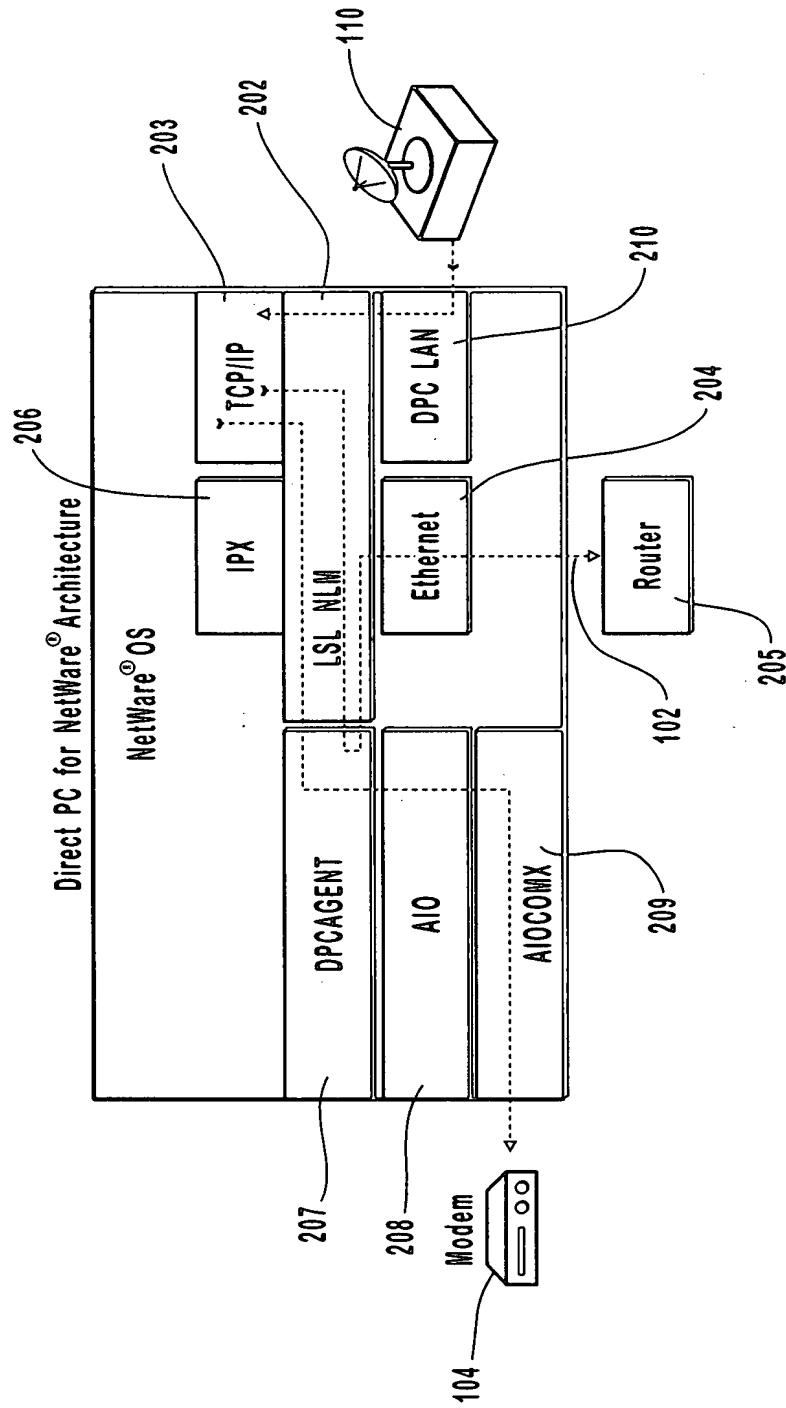


Fig. 2

FIG. 2 OF 20

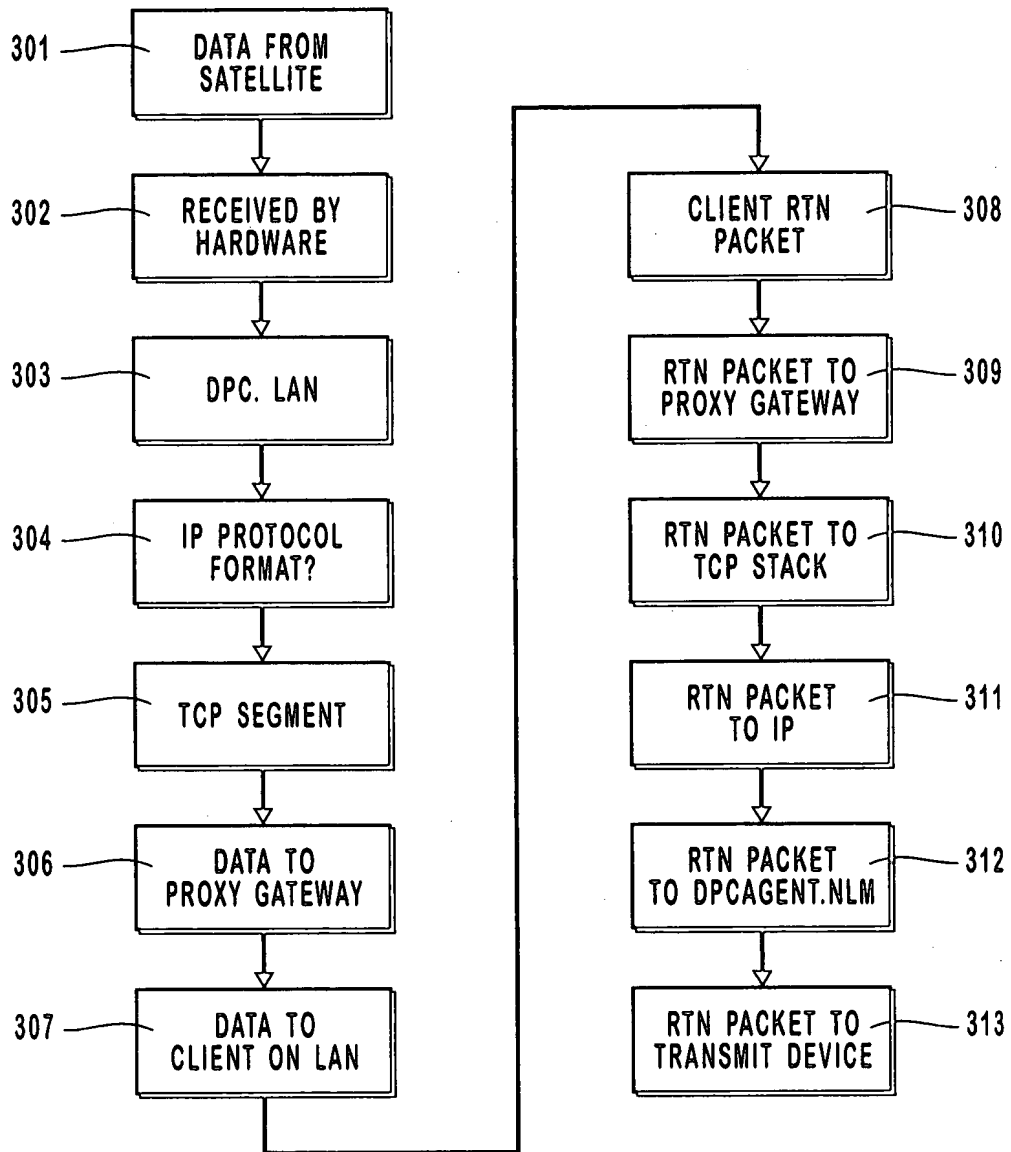


Fig. 3

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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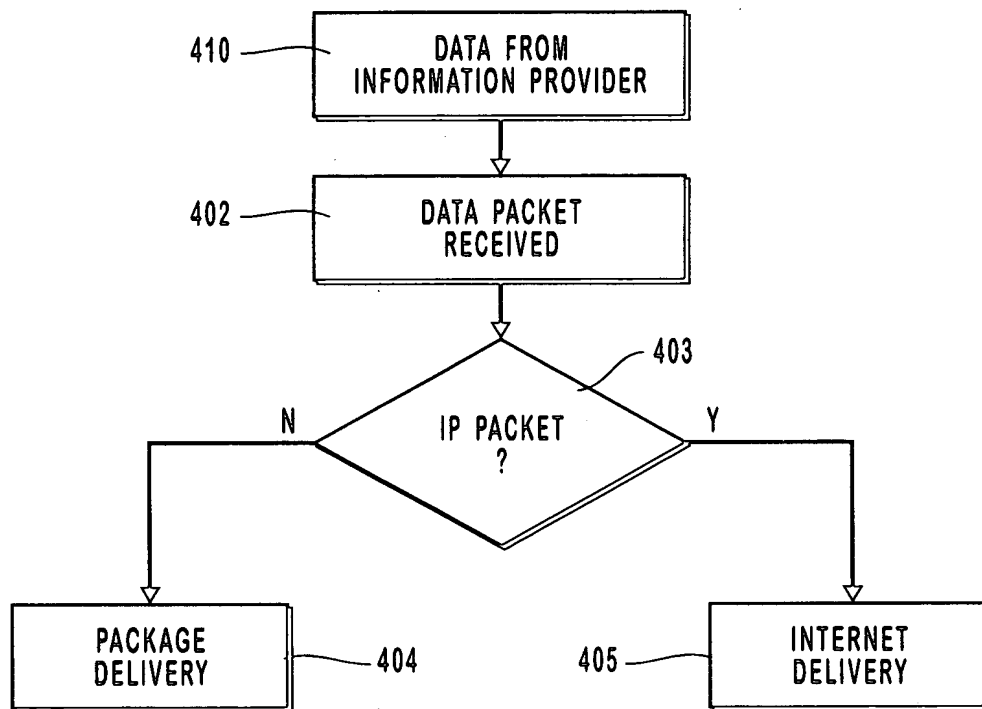


Fig. 4

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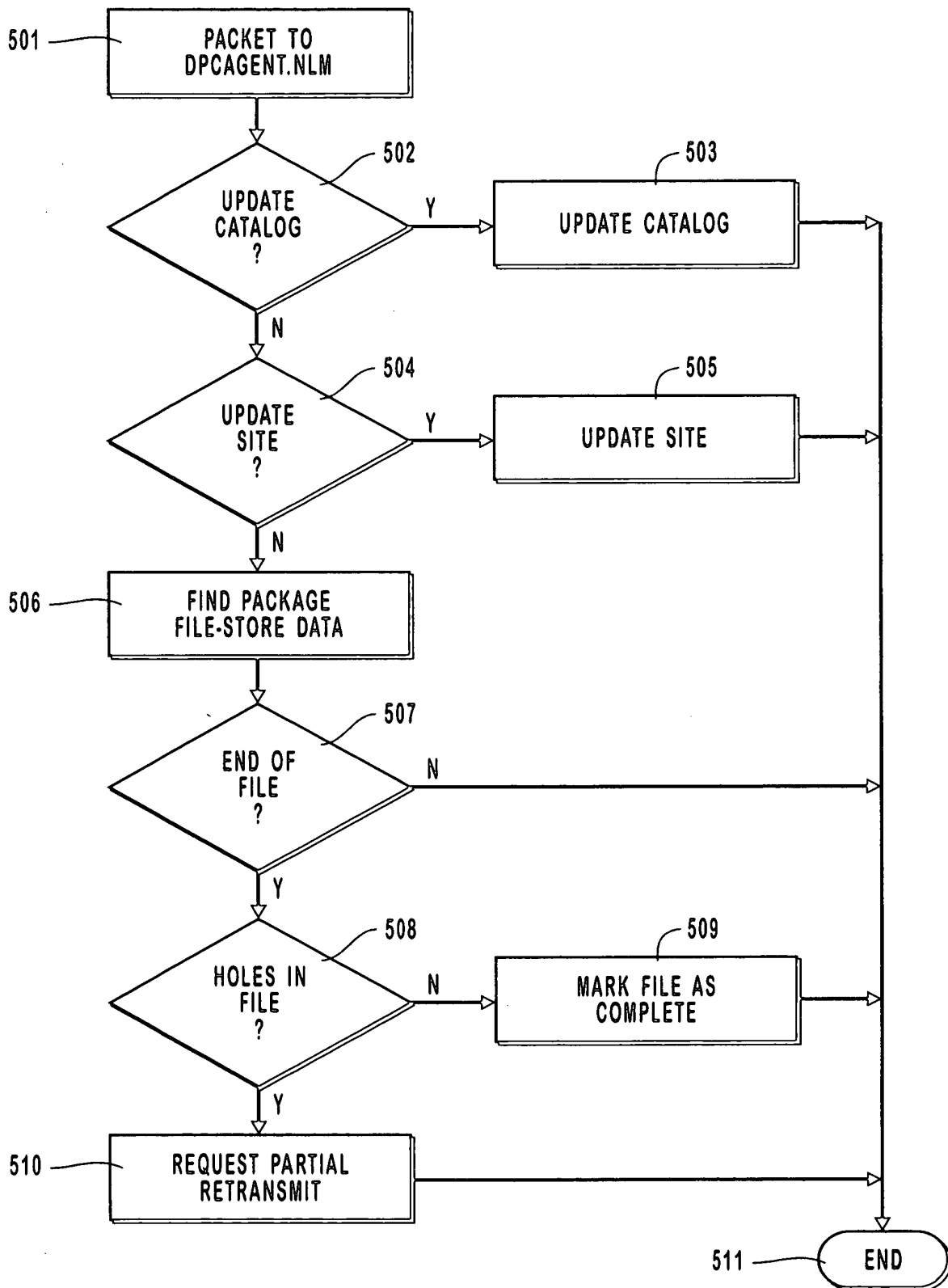


Fig. 5

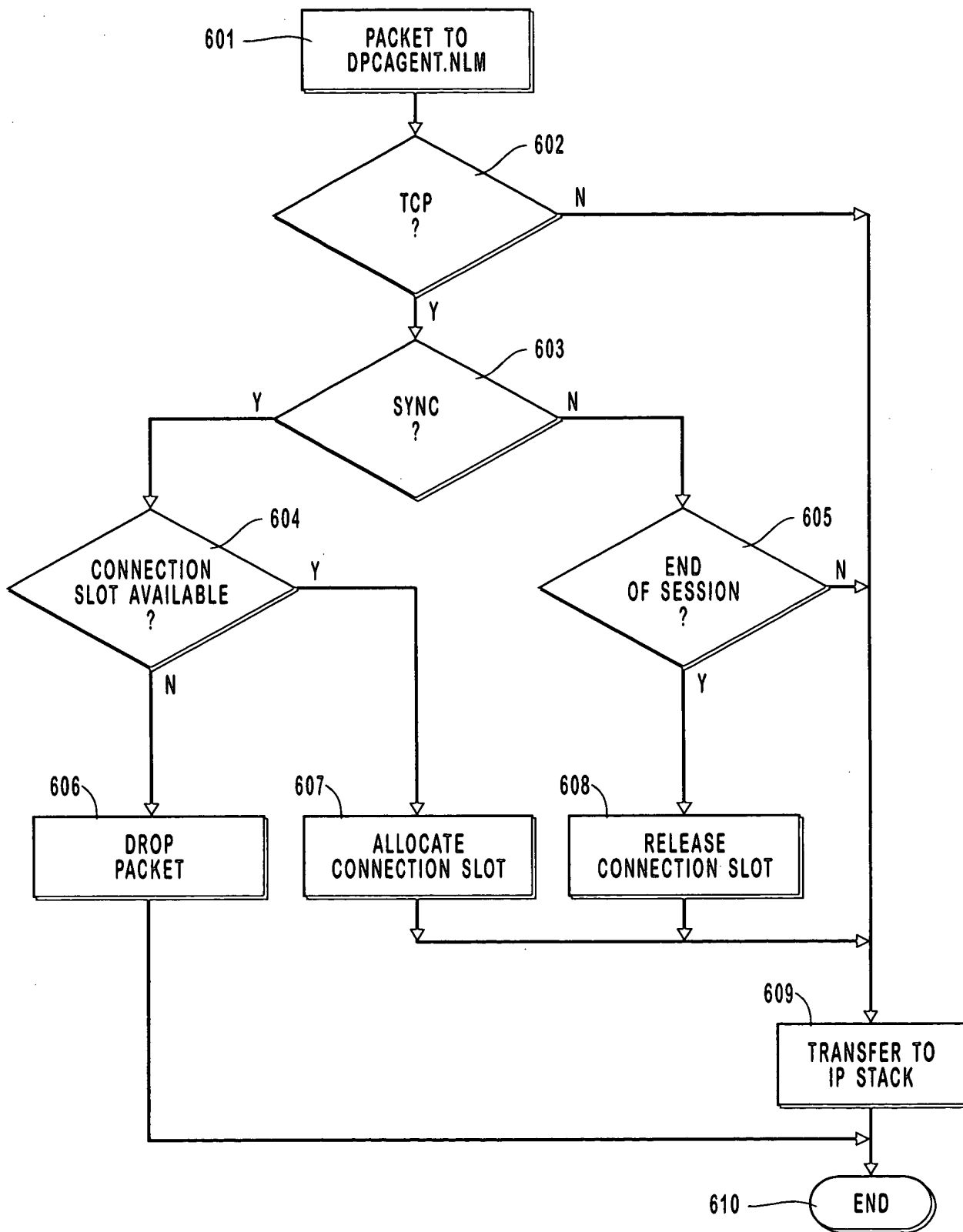


Fig. 6

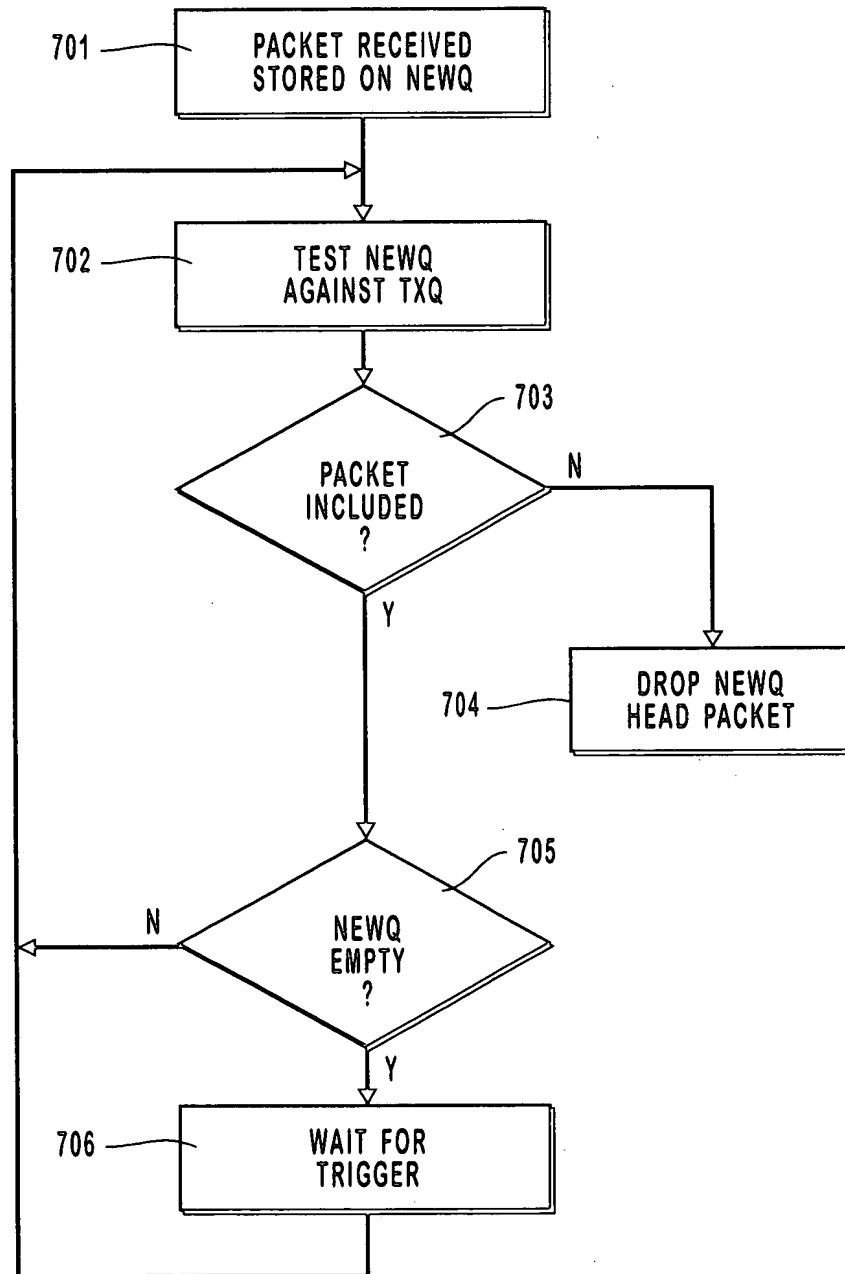


Fig. 7

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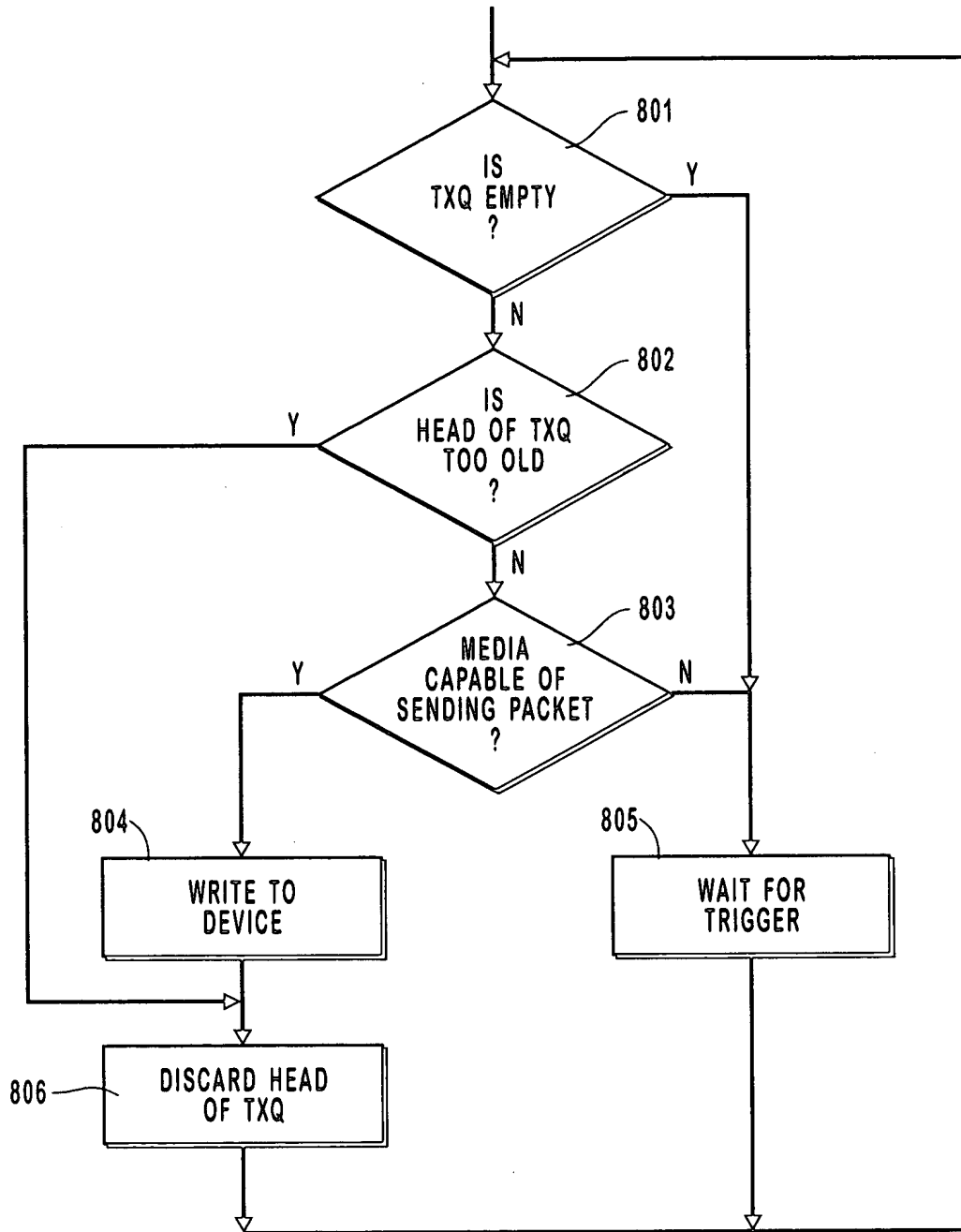


Fig. 8

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9 / 20

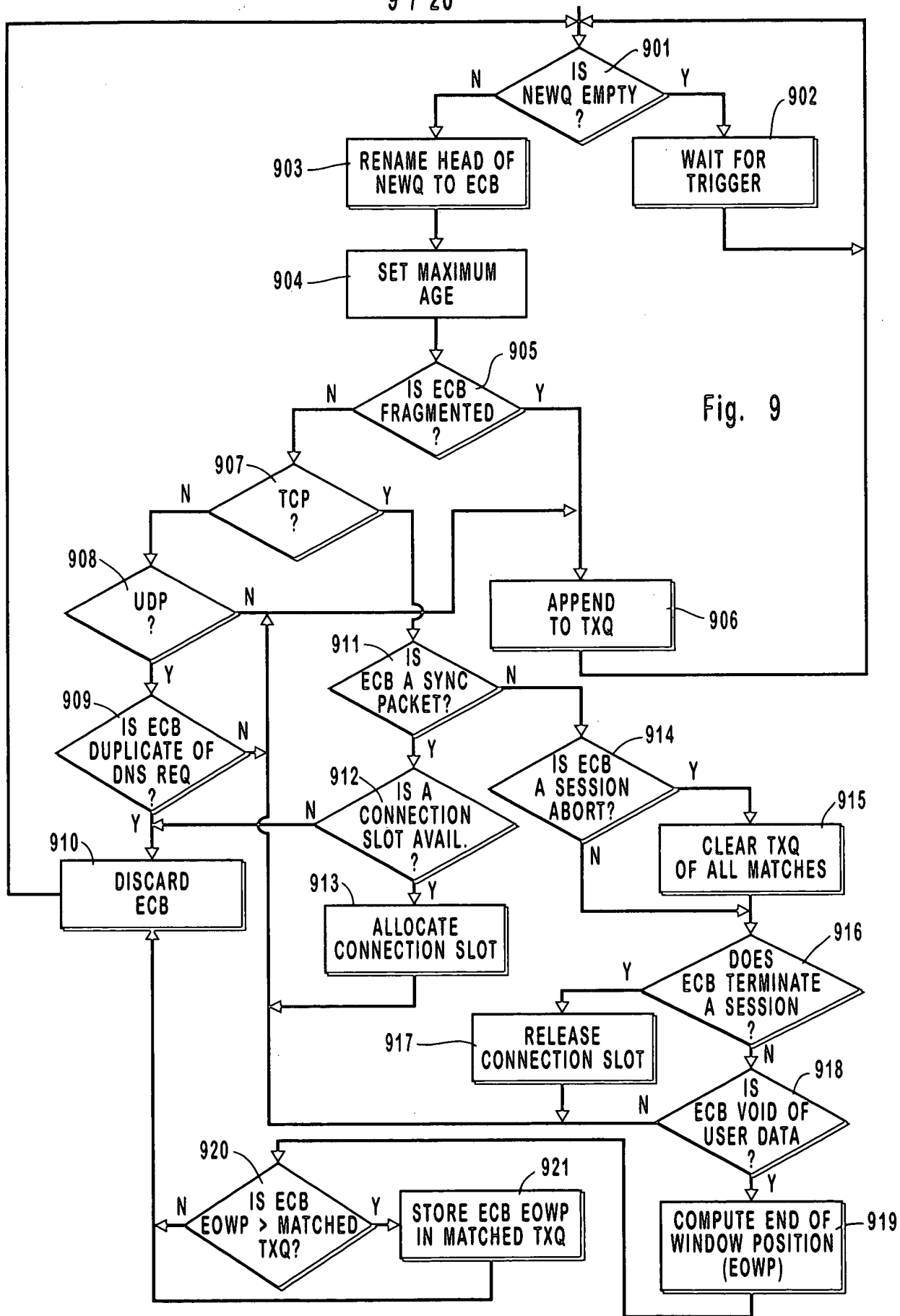


Fig. 9

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10 / 20

DPC AGENT PROGRAM 1.50

DPCAGENT Options

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	AVI	Marilyn Avi
DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel
Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

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11 / 20

DPC AGENT PROGRAM 1.50

DPCAGENT Options

- Package Delivery
- Display MLID Stats
- DPC Configuration
- Dish Pointing
- Adapter Information
- Modem Control
- Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn avi 52% 1755510/3374352

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
CONFIRM DIRECPC	AVI	Marilyn Avi

 Sorting
 Details
 Download
 Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-2

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APPROVED	O.G. FIG.	
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12 / 20

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1	
HELIUS	HELIUSDV	Helius 38MB File	
HELIUS	HELIUSDV	Helius Costly File	
HELIUS	HELIUSDV	Helius Test HIGH priority	
NEEDED DIRECPC	AVI	Marilyn Avi	
<div> <div>Status</div> <div><TAB> Sorting</div> <div><Enter> Details</div> <div><Ins> Download</div> <div> Cancel</div> </div> <div> Modem Status: Dialing <div>Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/></div> </div> <div> Package Status: IDLE </div> <div> Select an Option <Enter> <div></div> </div>			

Fig. 10c-1

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1	
HELIUS	HELIUSDV	Helius 38MB File	
HELIUS	HELIUSDV	Helius Costly File	
HELIUS	HELIUSDV	Helius Test HIGH priority	
NEEDED DIRECPC	AVI	Marilyn Avi	
<div> <div>Status</div> <div><TAB> Sorting</div> <div><Enter> Details</div> <div><Ins> Download</div> <div> Cancel</div> </div> <div> Modem Status: Disconnecting from Package Delivery <div>Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/></div> </div> <div> Package Status: marilyn.avi <div>20%</div> <div>688512/3374352</div> </div> <div> Select an Option <Enter> <div>Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/></div> </div>			

Fig. 10c-2

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APPROVED	O.G. FIG.	
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13 / 20

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Version 1.20
Node Address: 80AE000001
Protocols:
 ARP
 IP
Generic statistics
 Total packets sent: 1
 Total packets received: 0
 No ECB available count: 0
 Send packet too big count: 0
 Reserved: Not Supported
 Receive packet overflow count: 0
 Receive packet too big count: 0
 Receive packet too small count: Not Supported
 Send packet miscellaneous errors: 0
 Receive packet miscellaneous errors: 0

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-1

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Send abort from excessive deferral 0
Receive abort from bad frame alignment 0

Custom statistics
 Signal Quality 235
 Rx Frequency 13,300
 Largest Received IP Frame 0
 Number of Receive IP Frames over 400 0
 Ave size of Receive IP frames over 400 0
 Mips Rx enable commands 0
 Mips Rx disable commands 0
 Mips frames accepted 6,962
 Mips frames rejected from no filter match 1,489,475
 Mips frames rejected from zero address 0
 Mips frames rejected from adapter disabled 0
 Mips frames rejected from low buffer pool 3,611,966

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-2

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14 / 20

DPC AGENT PROGRAM 1.50

DPC Configuration

Modem Configuration

Package Delivery Configuration

Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

DPC AGENT PROGRAM 1.50

Modem Configuration Editor

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

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15 / 20

DPC AGENT PROGRAM 1.50

Package Delivery Configuration Editor	
Package Phone	= 1-800-825-3954
Package Baud	= 9600
Package Inactivity(sec)	= 10
Max Database Entries	= 1024

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
Internet Phone	= 343-2720
Internet Baud	= 57600
Internet MTU	= 1500
Internet Inactivity(sec)	= 180
IP Address(ISP)	= 153.35.210.185
Hybrid gateway Address	= 206.71.99.5
Auto Login Enabled	= No
Modify Auto login Script	
Modify PPP Configuration	

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-2

09817718-032601

APPROVED	O.G. FIG
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16 / 20

DPC AGENT PROGRAM 1.50

Login Script Editor

Wait1:	<input type="text"/>	Wait Timeout 1= 10
Send1:		
Wait2:		Wait Timeout 2= 5
Send2:		
Wait3:		Wait Timeout 3= 5
Send3:		
Wait4:		Wait Timeout 4= 5
Send4:		
Wait5:		Wait Timeout 5= 5
Send5:		
Wait6:		Wait Timeout 6= 5
Send6:		
Wait7:		Wait Timeout 7= 5
Send7:		
Wait8:		Wait Timeout 8= 5
Send8:		
Wait9:		Wait Timeout 9= 5
Send9:		

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10g-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

PPP Configuration Editor

Authentication User Name:
Authentication Password :

Maximum Receive Unit : 1400
Asynch. Control Char Map: 0x0

Modify Auto Login Script
Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10g-2

09817718-032601

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17 / 20

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

Internet Phone	=	Outbound Protocol
Internet Baud	=	
Internet MTU	=	
Internet Inactivity(sec)	=	Modem - SLIP
IP Address(ISP)	=	Modem - PPP
Hybrid gateway Address	=	LAN/WAN

Auto Login Enabled = No

Modify Auto login Script

Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = LAN/WAN

Network Route Configuration Editor

Interface: 2

Router Mac Address: 00-00-0c-4a-55-f4

Auto Login Enabled = No

Modify Auto Login Script

Modify Network Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

09817718 032601

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18 / 20

DPC AGENT PROGRAM 1:50

Dish Pointing

Antenna Pointing Calculations

Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

DPC AGENT PROGRAM 1:50

Antenna Pointing Calculations

Country = USA	Region = Utah
City = Orem	Service = Hughes
Satellite Longitude = 99	Satellite = Galaxy 4
Satellite Polarization = Horz	Hemisphere = West
	Frequency = 1330

Ground Longitude degrees = 111	minutes = 42	Hemisphere=West
Ground Latitude degrees = 40	minutes = 19	Hemisphere=North

COMPUTE NOW

Elevation = 41.608868
True Azimuth 160.800003
Magnetic Azimuth 147.300003
Polarization -14.500000

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

09817718 032601

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19 / 20

DPC AGENT PROGRAM 1.50

Satellite Dish Signal Strength Meter

0%
100%

Frequency = 1330
Average SQF = 130
Signal Quality = 130 (87%) (Signal Locked)

Modem Status: IDLE
Package Status: IDLE
Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐
Users 50 Keys ☐ Signal ☐

Fig. 10j-1

DPC AGENT PROGRAM 1.50

DPC Adapter Information

Serial Number = 011466
Site ID = DP000104
Have Keys Status = TRUE
Number of Communitites = 6
Communities:

00000103	00000102	00013000	00019100
00019100	0001DE00		

Modem Status: IDLE
Package Status: IDLE
Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐
Users 50 Keys ☐ Signal ☐

Fig. 10j-2

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APPROVED	O.G. FIG.	
RV	CLASS	SUBCLASS
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20 / 20

DPC AGENT PROGRAM 1.50				
<table border="1"> <tr> <td>Modem Control Options</td> </tr> <tr> <td> <table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet Dial the Package Delivery Send to the Modem </td> </tr> </table>		Modem Control Options	<table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet Dial the Package Delivery Send to the Modem	Disconnect the Modem
Modem Control Options				
<table border="1"> <tr> <td>Disconnect the Modem</td> </tr> </table> Dial the Internet Dial the Package Delivery Send to the Modem	Disconnect the Modem			
Disconnect the Modem				
Modem Status: IDLE Package Status: IDLE Select an Option <Enter>	Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>			

Fig. 10k

09817718-032601